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Peter W. J. Jones
CPA of 09/094,052
Page 2

Applicants believe that no extension of time is required since this CPA application is being filed within two months of Applicant's filing a Notice of Appeal, filed May 23, 2000, a copy of which is attached hereto (Exhibit B). Applicants, however, conditionally petition for an extension of time to provide for the possibility that such a petition has been inadvertently overlooked and is required. Accordingly, if for any reason a fee is required, a fee paid is inadequate or credit is owed for any excess fee paid, you are hereby authorized and requested to charge Deposit Account No. **04-1105**.

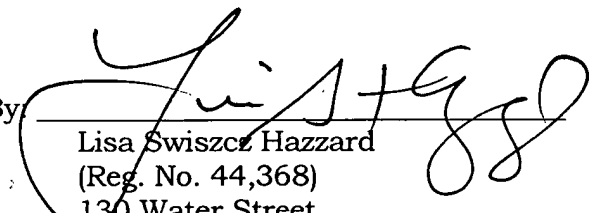
Respectfully submitted,

DIKE, BRONSTEIN, ROBERTS
& CUSHMAN

Date:

June 27, 2000

By



Lisa Swiszc Hazzard
(Reg. No. 44,368)
130 Water Street
Boston, MA 02109
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#139511

EXHIBIT A

Mailing Date: 5/23/00
Client: 1106
Inventors: Peter W.J. Jones
Serial No.: 09/094,052
Filing Date: June 9, 1998

Attorney/Sec: DGC/LSH/als
Docket No.: 47513 (1106)
Patent No.:
Grant Date:

The dating stamp of the Patent and Trademark Office hereon will be taken as the date of filing of:

- Response to Final Office Action
- Petition and Fee For Extension of Time
- Check in the amount of \$190.00
- Certificate of Mailing

Due Date: 5/23/00

05/23/00
10425

COMMISSIONER OF PATENTS

DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
CHECK NO.: 68930

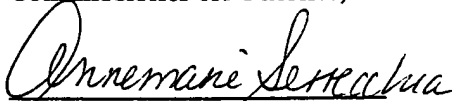
DATE	INVOICE NUMBER	ACCOUNT#	DESCRIPTION	MATTER #	AMOUNT
05-23-00	1106.47513/00		216	01106-47513	190.00
TOTAL:					190.00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Peter W. J. Jones EXAMINER: T. Nguyen
SERIAL NO. 09/094,052 GROUP: 2872
FILED: June 9, 1998
FOR: METHODS FOR REFLECTION REDUCTION

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231 on May 23, 2000.



Annemarie Serrechia

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

**EXAMINING GROUP 2872
RESPONSE TO FINAL OFFICE ACTION
UNDER 37 C.F.R. 116**

Sir:

The following is in response to the Final Office Action mailed December 23, 1999 in the above referenced application.

Please amend the subject application as follows:

IN THE CLAIMS:

1. (Twice Amended) An apparatus for reducing reflection on a surface comprising:
a plurality of concentric circular vanes, mounted in front of said reflective surface, each of said vanes including a first end proximate said surface, and a second end away from said surface, wherein said first ends of said plurality of vanes are spaced apart from each other at a different distance than said second ends of said plurality of vanes are spaced apart from each other.

8. (Amended) A system for reducing reflection from a surface of an optical lens comprising:

vane means for limiting reflections from said surface while maintaining a substantially wide Field of View (FOV) for said optical lens; said vane means for mounting proximate said surface of said optical lens; and said vane means producing tubes with a length-to width ratio greater than the length to width ratio of the FOV.

Please add the following claim:

11. The apparatus of claim 1, wherein said first ends of said plurality of vanes are spaced apart from each other at a fixed distance and said second ends of said plurality of vanes are spaced apart from each other at a fixed distance.

REMARKS

Applicants appreciate the Examiner's thorough examination of the subject application and request reconsideration of the subject application based on the foregoing amendments and the following remarks.

Claims 1 to 10 are pending in the subject application. Claims 1 and 8 have been amended for clarification purposes. Claim 11 has been added. The amendments to the claims and added claim 11 are supported by the originally filed disclosure. Favorable reconsideration in light of the amendments and the remarks which follow is respectfully requested.

1. 35 USC §102 Rejection

Claims 8-9 have been rejected under 35 U.S.C. §102(b) as being anticipated by Jones (U.S. Patent No. 4,929,055, of record) for the reasons set out in the previous Office Action (Paper No. 2, page 5).

Applicants respectfully traverse this rejection.

As clarified in amended claim 8, the vane means produce tubes with a length-to width ratio greater than the length to width ratio of the FOV.

Jones (U.S. Patent No. 4,929,055), does not describe, teach or suggest this type of an arrangement. Rather, Jones' device includes vanes, in a honeycomb configuration, that produce tubes with a length-to-width ratio that does not exceed the length-to-width ratio of the FOV. The length-to-width ratio of such tubes in such a device is not deep enough to give good glint protection for a wide FOV lens surface. Applicant has recognized an existing problem: how to get tubes long enough to provide effective glint protection without vignetting the view through an optic having a wide FOV. The present invention is directed towards solving this problem.

It is respectfully submitted that claim 8 is patentable over the Jones reference. Claim 9 depends from claim 8, and, likewise is patentable over the Jones reference.

The Softly document also clearly does not suggest vane means producing tubes with a length-to width ratio greater than the length to width ratio of the FOV, as recited in Applicant's claim 8.

2. 35 U.S.C. §103 Rejection

Claims 1-7 and 10 have been rejected under 35 U.S.C. §103(a) as being unpatentable over Jones (U.S. Patent No. 4,929,055) in view of Softly (U.S. Patent No. 4,365,866).

The Office states that:

[I]t would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the optical apparatus having a plurality of concentric circular vanes in combination with radial vanes as provided by Jones by rearranging the ends facing the lens surface of an optical lens of the vanes closer to each other with respect to the opposite ends of the vanes as suggested by Softly for the purpose of increasing the reduction of reflected light.

Applicant respectfully disagrees. The references teach away from their combination. Further, the combination suggested by the Office would render the device of Softly inoperable.

The Softly reference describes "a light masking device for improving image contrast on a television or similar video display screen under conditions of high ambient light." (Col. 1, lines 4-7) The light masking device is formed of a plurality of:

elongated planar slats extending horizontally across the width of the screen, the slats being differentially inclined from the horizontal in the directions of their widths so as to converge on a horizontal line at a selected height and a selected distance from the screen. (Col. 1, lines 42-46)

Further,

In a preferred embodiment of the invention the slats are pivotally connected to the support frame for pivotal movement about respective horizontal axes, and means are provided for differentially adjusting the inclinations of the slats for selectively adjusting the position of the horizontal line on which the inclined slats converge. (Col. 1, lines 47-52)

This type of adjustability is an important feature because if the slats are not adjustable, then the slats converge at a set horizontal line at a set height and distance from the screen. However, by making the slats adjustable, a range of camera positions may be suited. (See Col. 2, line 66 - Col. 3, line 5) "Since the slats are planar and have parallel edges, they must always lie in planes converging on a horizontal line despite such adjustment." (Col. 21-23)

Thus, according to the Softly reference, the slats must lie in planes converging on a horizontal line. Any other arrangement of the slats is expressly taught away from. Further, if the Softly reference was combined with the Jones reference so as to form slats "having a plurality of concentric circular vanes in combination with radial vanes," then the slats could not be made adjustable, which is an object of the Softly reference, as discussed above. Concentric circular vanes will not pivot without

breaking. Further, a plurality of concentric circular vanes in combination with radial vanes makes it further impossible for the vanes to pivot.

Accordingly, claim 1 is patentable over Jones (U.S. Patent No. 4,929,055) in view of Softly (U.S. Patent No. 4,365,866). Claims 2-7 and 10 depend from claim 1 and, likewise are patentable over Jones in view of Softly.

Applicant also notes regarding claim 10, that Softly expressly teaches away from vanes positioned such that the "first ends of said plurality of vanes are spaced closer apart from each other than said second ends of said plurality of vanes." Softly, as noted above, requires that the slats be positioned so as to "converge on a horizontal line at a selected height and a selected distance from the screen." (Col. 1, lines 42-46) This expressly requires that the slats be positioned such that the first ends are spaced farther apart from each other than said second ends.

CONCLUSION

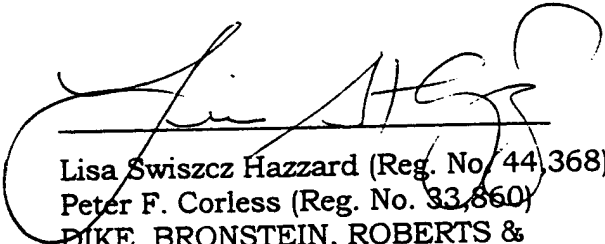
In view of the above amendments and discussion, reconsideration and allowance of claims 1-10 is respectfully requested. This case is believed to be in condition for immediate allowance. Applicant respectfully requests early consideration and allowance of the subject application.

Peter W. J. Jones
U.S.S.N.: 09/094,052
Page 6

If for any reason a fee is required, a fee paid is inadequate or credit is owed for any excess fee paid, you are hereby authorized and requested to charge Deposit Account No. **04-1105**.

Respectfully submitted,

Date: May 23, 2000



Lisa Swiszczy Hazzard (Reg. No. 44,368)
Peter F. Corless (Reg. No. 33,860)
DIKE, BRONSTEIN, ROBERTS &
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130 Water Street
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#137724

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Jones
SERIAL NO. 09/094,052
FILED: June 9, 1998
FOR: METHODS FOR REFLECTION REDUCTION

EXAMINER: T. Nguyen
GROUP: 2872

JUN 27 2000
PATENT & TRADEMARK OFFICE

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CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231 on: MAY 23, 2000.

By: Annemarie Serrechia

Annemarie Serrechia

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

PETITION AND FEE FOR EXTENSION OF TIME
PURSUANT TO 37 C.F.R. 1.136(a)

Sir:

This is a petition pursuant to 37 C.F.R. 1.136(a) for an extension of time for a total period of two (2) months to May 23, 1999 to respond to the Office Action mailed December 23, 1999.

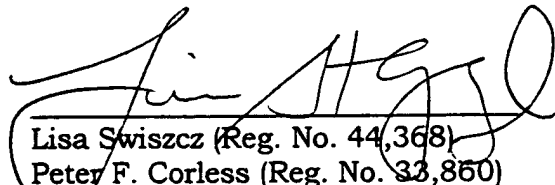
Enclosed herewith is a check for the required fee of \$190.00 as required under 35 USC §1.17(a)(2).

Applicants also conditionally petition for a further extension time to provide for the possibility that such a petition is required.

If for any reason a fee is required, a fee paid is inadequate or credit is owed for any excess fee paid, you are hereby authorized and requested to charge Deposit Account No. 04-1105.

Respectfully submitted,

Date: May 23, 2000


Lisa Swiszczy (Reg. No. 44,368)
Peter F. Corless (Reg. No. 33,850)
DUKE, BRONSTEIN, ROBERTS &
CUSHMAN, LLP
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#137724

EXHIBIT B

Mailing Date: 5/23/00
Client: 1106
Inventors: Peter W.J. Jones
Serial No.: 09/094,052
Filing Date: June 9, 1998

Attorney/Sec: DGC/LSH/als
Docket No.: 47513 (1106)
Patent No.:
Grant Date:

The dating stamp of the Patent and Trademark Office hereon will be taken as the date of filing of:

- Notice of Appeal From the Primary Examiner To the Board of Patent Appeals and Interferences (in duplicate)
- Copy of Petition for Extension of Time
- Check in the amount of \$150.00
- Certificate of Mailing

Due Date: 5/23/00

05/23/00
10425

COMMISSIONER OF PATENTS

DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
CHECK NO.: 68928

DATE	INVOICE NUMBER	ACCOUNT#	DESCRIPTION	MATTER #	AMOUNT
05-23-00	1106.47513/05		219	01106-47513	150.00
				TOTAL:	150.00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Peter W.J. Jones Examiner: T. Nguyen
Application No.: 09/094,052 Group No.: 2872
Filed: June 9, 1998
For: METHODS FOR REFLECTION REDUCTION

Assistant Commissioner for Patents
Washington, D.C. 20231

NOTICE OF APPEAL FROM THE PRIMARY EXAMINER
TO THE BOARD OF PATENT APPEALS AND INTERFERENCES
(37 C.F.R. § 1.191)

NOTE: An appeal may be based on one rejection in a prior application and one rejection in a continuing application. 62 Fed. Reg. 53,131, at 53,167; 1203 O.G. 63, at 93 (Oct. 10, 1997).

NOTE: There is no requirement for a notice of appeal to: (1) be signed; or (2) identify the appealed claims. 62 Fed. Reg. 53,131, at 53,167; 1203 O.G. 63, at 94 (Oct. 10, 1997).

Applicant hereby appeals to the Board from the decision of the Primary Examiner, mailed December 23, 1999, finally rejecting claims 1-10

The item(s) checked below are appropriate:

1. STATUS OF APPLICANT

This application is on behalf of Peter W.J. Jones.

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

☒ deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: May 23, 2000

FACSIMILE

☐ transmitted by facsimile to the Patent and Trademark Office.


Signature

Annemarie Serrechia
(type or print name of person certifying)

☐ other than a small entity.
☒ a small entity.

A statement:

☐ is attached.
☒ was already filed on June 9, 1998.

2. FEE FOR FILING NOTICE OF APPEAL

Pursuant to 37 C.F.R. 1.17(b), the fee for filing the Appeal Brief is:

☒ small entity \$150.00

☐ other than a small entity \$300.00

Notice of Appeal fee due \$ 150.00

3. EXTENSION OF TERM

NOTE: The time periods set forth in 37 C.F.R. 1.191 are subject to the provision of § 1.136 for patent applications. 37 C.F.R. 1.191(d). (But see 37 C.F.R. 1.645 for extension of time in interference proceedings and 37 C.F.R. 1.550(c) for extension of time in reexamination proceedings).

(complete (a) or (b), as applicable)

The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(a) ☐ Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. 1.17(a)(1)-(4)) for the total number of months checked below:

Extension (months)	Fee for other than <u>small entity</u>	Fee for <u>small entity</u>
<input type="checkbox"/> one month	\$110.00	\$55.00
<input type="checkbox"/> two months	\$380.00	\$190.00
<input type="checkbox"/> three months	\$870.00	\$435.00
<input type="checkbox"/> four months	\$1,360.00	\$680.00

Fee \$ _____

If an additional extension of time is required, please consider this a petition therefor.

(check and complete the next item, if applicable)

- (a) ☐ An extension for _____ month has already been secured, and the fee paid therefor of \$ _____ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ _____

or

- (b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

*** A copy of the Petition And Fee For Extension Of Time Pursuant To 37 C.F.R. 1.136(a), as filed with the Response to Final Office Action, is enclosed herewith

4. TOTAL FEE DUE

The total fee due is:

Notice of Appeal fee \$ 150.00

Extension fee (if any) \$ _____

TOTAL FEE DUE \$ 150.00

5. FEE PAYMENT

☒ Attached is a check in the sum of \$ 150.00.

☐ Charge Account No. _____ the sum of \$ _____.

A duplicate of this transmittal is attached.

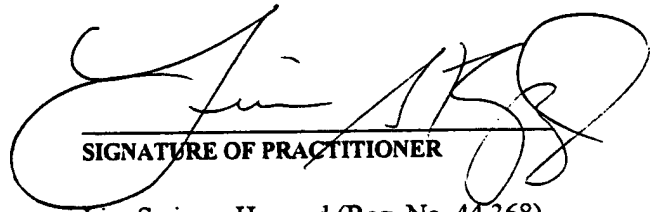
6. FEE DEFICIENCY

NOTE: *If there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in resuming the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1986, 1065 O.G 31-33.*

☒ If any additional extension and/or fee is required, this is a request therefor and to charge Account No. 04-1105.

AND/OR

☒ If any additional fee for claims is required, charge Account No. 04-1105.



SIGNATURE OF PRACTITIONER

Lisa Swiszc Hazzard (Reg. No. 44,368)

Peter F. Corless (Reg. No. 33,860)

DIKE, BRONSTEIN, ROBERTS

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Jones EXAMINER: T. Nguyen
SERIAL NO. 09/094,052 GROUP: 2872
FILED: June 9, 1998
FOR: METHODS FOR REFLECTION REDUCTION

CERTIFICATE OF MAILING

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By: Annemarie Serrechia
Annemarie Serrechia

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

PETITION AND FEE FOR EXTENSION OF TIME
PURSUANT TO 37 C.F.R. 1.136(a)

Sir:

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Enclosed herewith is a check for the required fee of \$190.00 as required under 35 USC §1.17(a)(2).

Applicants also conditionally petition for a further extension time to provide for the possibility that such a petition is required.

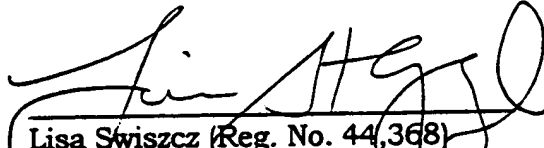
Peter W. J. Jones
U.S.S.N.: 09/094,052
Page 2

If for any reason a fee is required, a fee paid is inadequate or credit is owed for any excess fee paid, you are hereby authorized and requested to charge Deposit Account No. 04-1105.

Respectfully submitted,

Date:

May 23, 2000


Lisa Swiszczy (Reg. No. 44,368)
Peter F. Corless (Reg. No. 33,850)
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